

APPENDIX B. TITLE VI/ENVIRONMENTAL JUSTICE

Executive Order 12898, “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations,” reaffirms the principles of Title VI and related statutes. The Executive Order requires the consideration of low-income, minority, disabled, female, and elderly populations. The US Department of Commerce, Bureau of the Census, refers to these populations according to the following definitions:

- A minority person refers to a person who is racially classified as African American, Asian American, Native American or Alaskan Native, Pacific Islander, or anyone who classifies himself or herself as “other” race, and Hispanics.
- Hispanics are considered an ethnicity, not a separate race; they are considered minorities regardless of their racial self-affiliation.
- Elderly refers to individuals 60 years of age and over.
- A set of money-income thresholds that varies by family size and composition is used to identify low-income persons. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family or unrelated individual is classified as being “below the poverty level” at the time of the census.
- Noninstitutionalized civilians (people not under formally authorized, supervised care or custody in institutions like hospitals and prisons) who are 5 years of age and older are considered to be disabled if they report a long-lasting physical, mental, or emotional condition.
- Female head of household refers to a female who maintains a household with no husband of the household present while living with one or more people related to her by birth, marriage, or adoption.

Project area data were compared and contrasted with the data for the city of Cottonwood, town of Clarkdale and all of Yavapai County to assess whether minority, elderly, low-income, disabled, or female head of household populations are disproportionately represented in the project area. According to FHWA’s 1998 guidance (*FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*), a population means any readily identifiable group of minority or low-income persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons (such as migrant workers or Native Americans) who would be similarly affected by a proposed FHWA program, policy, or activity. An adverse effect is disproportionately high on the protected population if it is predominately borne by a protected population or is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by the nonprotected population.

The demographic composition of the project area was calculated using the Bureau of the Census’ 2000 *Census of Population and Housing*. Census tracts are relatively permanent geographic subdivisions

used for recording census information; tracts do not cross county boundaries. They are delineated with the intention of being maintained over a long period of time for statistical comparisons. The size of census tracts varies widely depending on the density of settlement. Block groups are further geographic subdivisions of census tracts comprising a compact and contiguous cluster of census blocks, the smallest subdivision used by the census. Each census tract contains a minimum of one block group and may have a maximum of nine block groups. The boundaries of all census tracts and block groups in the project area extend beyond the project boundaries; therefore, the exact population and demographic characteristics of the project area may vary from the represented block group data in the following tables. The project area lies within four block groups, which lie within two different census tracts (Figure B-1) (Refer to Section IV. D. Title VI/Environmental Justice).

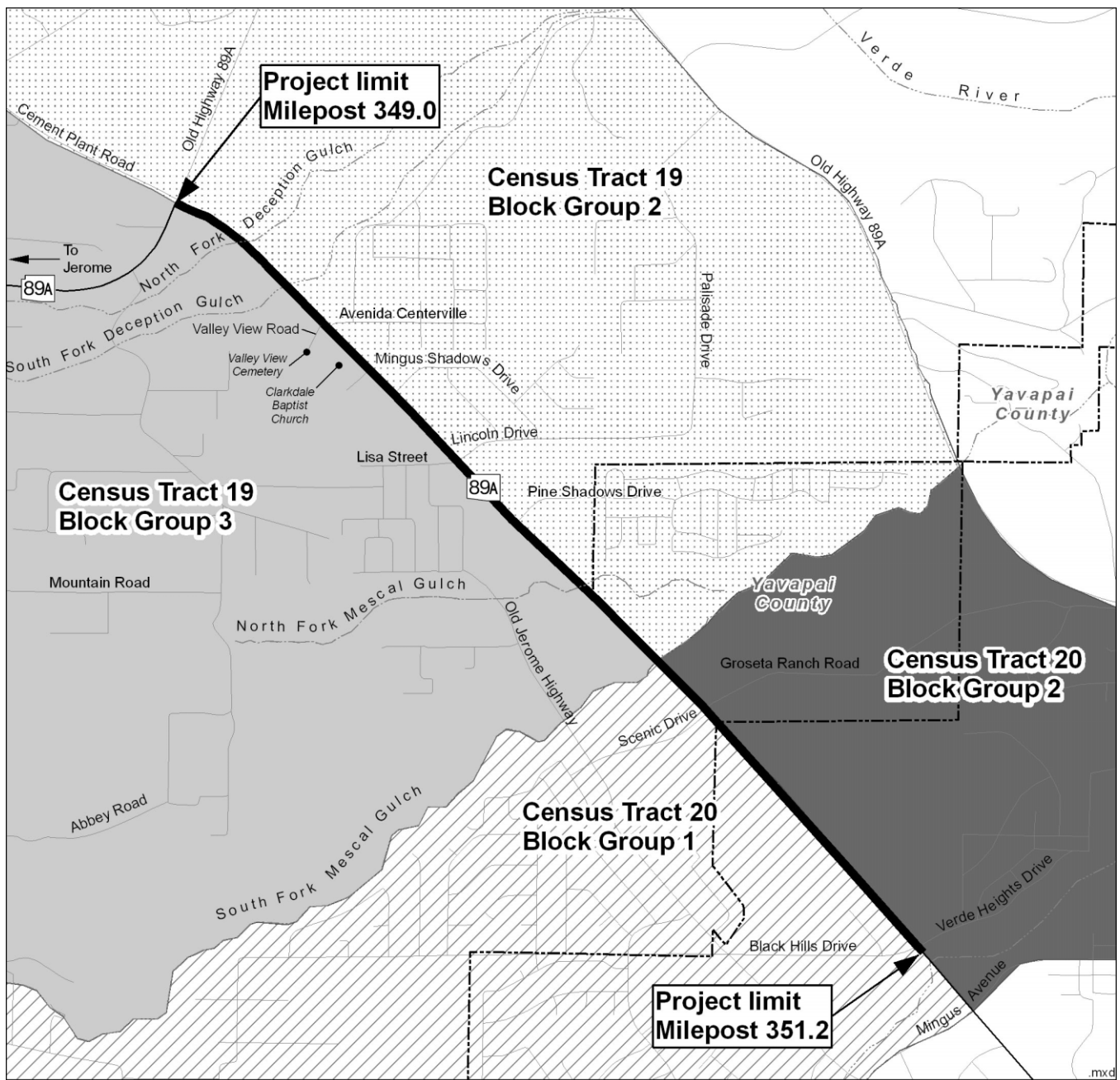
1. Racial and Ethnic Demographics

According to the 2000 Census, the population of the block groups ranges from 1,520 to 3,629 people (Table B-1). All the block groups, as in the town of Clarkdale, city of Cottonwood, and Yavapai County, consist of majority populations of Whites; with few African Americans, Asians, and Pacific Islanders. In comparison with the town of Clarkdale, the city of Cottonwood, and Yavapai County, Census Tract 19 Block Group 3 has a greater African American population percentage; Census Tract 19 Block Group 2 has a greater Native American population percentage, and Census Tract 20 Block Group 2 has greater Asian, "other" race, and Hispanic population percentages. The total percentages of minority populations in Census Tract 19 Block Group 2 and Census Tract 20 Block Group 2 are also higher than the town of Clarkdale, the city of Cottonwood, and Yavapai County (Table B-2). The other racial population averages for the project area are lower than or equal to the corresponding averages for the comparative geographic locations.

2. Over 60 Years of Age, Disabled, Low-Income, and Female Head of Household Populations

According to the 2000 Census, three of the four block groups have higher percentages of elderly populations than those of the town, city, and county (Table B-2).

The low-income percentages for Census Tract 19 Block Group 2 and Census Tract 20 Block Group 2 are 13.1 and 15.1 percent, respectively, whereas the percentages for the town of Clarkdale, city of Cottonwood and Yavapai County are 10.0, 11.3, and 10.4, respectively (Table B-2). The percentages of low-income persons are roughly equal to or less than the percentages of those in the town, city, and county, except for the two previously discussed block groups.



Source: Census 2000

Key

- Project area
- City/Town boundary
- Census Tract 19, Block Group 2
- Census Tract 19, Block Group 3
- Census Tract 20, Block Group 1
- Census Tract 20, Block Group 2

Mile

0 0.5



Project Number: STP-A89-A(002)
 TRACS No.: 089 YV 349 H4129 01C
 Project Name: SR 89A: Cement Plant Rd –
 Black Hills Dr

Figure B-1. Census Tract and Block Group locations

Table B-1. 2000 Racial and ethnic demographics

Area	Total population	White		African American		Native American		Asian		Pacific Islander		Other Race		Two or more races		Hispanic ^a	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
CT 19, BG 2	1,520	1,177	77.4	0	0.0	231	15.2	2	0.1	0	0.0	61	4.0	49	3.2	139	9.1
CT 19, BG 3	1,543	1,410	91.4	14	0.9	15	1.0	0	0.0	0	0.0	73	4.7	31	2.0	116	7.5
CT 20, BG 1	3,629	3,393	93.5	8	0.2	66	1.8	0	0.0	0	0.0	67	1.8	95	2.6	217	6.0
CT 20, BG 2	1,654	1,346	81.4	0	0.0	0	0.0	10	0.6	0	0.0	267	16.1	31	1.9	454	27.4
Total Tracts	8,346	7,326	87.8	22	0.3	312	3.7	12	0.1	0	0.0	468	5.6	206	2.5	926	11.1
Town of Clarkdale	3,532	2,968	84.0	12	0.3	242	6.9	2	0.1	0	0.0	205	5.8	103	2.9	428	12.1
City of Cottonwood	9,129	7,893	86.5	17	0.2	73	0.8	10	0.1	7	0.1	764	8.4	365	4.0	1,821	19.9
Yavapai County	167,517	153,932	91.9	449	0.3	2,597	1.6	847	0.5	76	0.0	5,954	3.6	3,662	2.2	16,300	9.7

Source: US Department of Commerce, Bureau of the Census. *Census 2000, Summary File 3*

Note: CT = Census Tract, BG = Block Group, # = Number, % = Percentage.

Shaded areas denote minority percentages higher than the comparison areas' (Town, City and County) highest percentages.

^a "Hispanic" refers to ethnicity and is derived from the total population, not as a separate race; i.e., it is calculated differently from the other columns in this table.

Table B-2. 2000 Total minority, Age 60 years and over, Disabled, Below poverty level, and Female head of household populations

Area	Total population	Total minority ^a		Elderly		Total population for whom disabled is determined	Disabled		Total population for whom poverty is determined	Low-income		Households		Female head of household	
		#	%	#	%		#	%		#	%	#	%	#	%
CT 19, BG 2	1,520	387	25.5	534	35.1	1,202	278	23.1	1,166	153	13.1	626	201	32.1	
CT 19, BG 3	1,543	166	10.8	475	30.8	1,273	339	26.6	1,231	116	9.4	706	181	25.6	
CT 20, BG 1	3,629	365	10.1	1,394	38.4	2,944	645	21.9	2,944	55	1.9	1,506	272	18.1	
CT 20, BG 2	1,654	506	30.6	304	18.4	1,216	281	23.1	1,216	184	15.1	689	219	31.8	
Total Tracts	8,346	1,424	17.1	2,707	32.4	6,635	1,543	23.3	6,557	508	7.7	3,527	873	24.8	
Town of Clarkdale	3,532	720	13.5	1033	29.2	2,790	630	22.6	2,689	270	10.0	1,442	361	25.0	
City of Cottonwood	9,129	2,107	20.4	2596	28.4	7,189	2,069	28.8	6,946	782	11.3	3943	1,454	36.9	
Yavapai County	167,517	22,533	23.1	47,380	28.3	136,294	32,874	24.1	132,146	13,766	10.4	70,069	18,218	26.0	

Source: US Department of Commerce, Bureau of the Census. *Census 2000, Summary File 3*.

Notes: See table notes for Table 3 above.

^a "Total Minority" is composed of all people who consider themselves Non-White racially plus those who consider themselves White Hispanic